

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr
Santa Fe, NM 87505

HOBBS OGD

Submit one copy to appropriate District Office

SEP 06 2018

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address COG Operating LLC 2208 W Main Street Artesia, NM 88210		² OGRID Number 229137
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 025-43689	⁵ Pool Name Wildcat; Wolfcamp	⁶ Pool Code 98094
⁷ Property Code 317530	⁸ Property Name Columbus Federal Com	⁹ Well Number 21H

II. ¹⁰ Surface Location

UL or lot no A	Section 34	Township 25S	Range 33E	Lot Idn	Feet from the 210	North/South Line N	Feet from the 330	East/West line E	County Lea
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¹¹ Bottom Hole Location

UL or lot no P	Section 3	Township 26S	Range 33E	Lot Idn	Feet from the 200	North/South line South	Feet from the 359	East/West line E	County Lea
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 6/8/18	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
	Alpha Crude Connector Pipeline	O
298751	Energy Transfer 2001 Bryan Street Ste 3700 Dallas, TX 75201	G

IV. Well Completion Data

²¹ Spud Date 7/16/17	²² Ready Date 6/07/18	²³ TD 22321	²⁴ PBDT 22205	²⁵ Perforations 12650-22150	²⁶ DHC, MC
²⁷ Hole Size 13 1/2	²⁸ Casing & Tubing Size 10 3/4"	²⁹ Depth Set 1086'	³⁰ Sacks Cement 600		
9 7/8	7 5/8	11,675'	2532		
6 3/4	5 1/2	11127'			
6 3/4	5	11127-22306'	2150		

V. Well Test Data

³¹ Date New Oil 6/7/18	³² Gas Delivery Date 6/8/18	³³ Test Date 6/8/18	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure 4200	³⁶ Csg. Pressure 2400
³⁷ Choke Size 18/64	³⁸ Oil 119	³⁹ Water 452	⁴⁰ Gas 669	⁴¹ Test Method	

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.
Signature:

Printed name:
Amanda Avery

Title:
Regulatory Tech

E-mail Address:
aavery@concho.com

Date:
08/22/18

Phone:
575-748-6940

Approved by:

Karen Sharp

Title:

Staff Mgr

Approval Date:

9-8-18

Documents pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SEP 06 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

RECEIVED

5. Lease Serial No.
NMNM119277

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM1373338. Well Name and No.
COLUMBUS FEDERAL COM 21H9. API Well No.
30-025-4368910. Field and Pool or Exploratory Area
WILDCAT; WOLFCAMP11. County or Parish, State
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
COG OPERATING LLCContact: AMANDA AVERY
E-Mail: aaavery@concho.com3a. Address
2208 W MAIN STREET
ARTESIA, NM 882103b. Phone No. (include area code)
Ph: 575-748-69404. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 34 T25S R33E NENE 210FNL 330FEL**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

9/26/17 Ran CBL. TOC @ 225'

11/18/17 to 1/31/18 Test annulus to 1500# for 15 mins. Set CBP @ 22165' and test to 11,040#.

Perf 12650-22150' (2816). Acdz w/184,086 gals 7 1/2%; frac w/18,126,222# sand and 19,305,720 gals fluid.

2/03/18 to 2/24/18 Drilled out CFP's. Clean down to CBP @ 22,165'.

02/26/18 Set 2 7/8" 6.5# L-80 tbg @ 11,300' & pkr @ 11,293'. Installed gas-lift system.

6/07/18 Began flowing back & testing.

6/07/18 Date of first production.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #432905 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Hobbs

Name (Printed/Typed) AMANDA AVERY

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 08/27/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Office

Documents pending BLM approvals will
subsequently be reviewed and scanned

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ******** OPERATOR-SUBMITTED ****

HOBBS OCD

Form 316
(August 2007)

SEP 06 2018

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

RECEIVED

COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM119277

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NMNM137333

2. Name of Operator
COG OPERATING LLC

Contact: AMANDA AVERY
E-Mail: aavery@concho.com

8. Lease Name and Well No.
COLUMBUS FEDERAL COM 21H

3. Address
2208 W MAIN STREET
ARTESIA, NM 88210

3a. Phone No. (include area code)
Ph: 575-748-6940

9. API Well No.
30-025-43689

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

Sec 34 T25S R33E Mer
At surface NENE 210FNL 330FEL 32.093685 N Lat, 103.552727 W Lon
Sec 34 T25S R33E Mer
At top prod interval reported below NENE 210FNL 330FEL 32.093685 N Lat, 103.552727 W Lon
Sec 3 T26S R33E Mer
At total depth 200FSL 359FEL 32.065793 N Lat, 103.552812 W Lon

10. Field and Pool, or Exploratory
WILDCAT; WOLFCAMP

11. Sec., T., R., M., or Block and Survey
or Area Sec 34 T25S R33E Mer

12. County or Parish
LEA

13. State
NM

14. Date Spudded
07/16/2017

15. Date T.D. Reached
09/15/2017

16. Date Completed
☐ D & A ☒ Ready to Prod.
06/07/2018

17. Elevations (DF, KB, RT, GL)*
3324 GL

18. Total Depth: MD 22321
TVD 12510

19. Plug Back T.D.: MD 22205
TVD 12510

20. Depth Bridge Plug Set: MD 22165
TVD 12510

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
13.500	10.750 L80	45.5	0	1086		600		0	
6.750	5.500 P110	23.0	0	11127				0	
9.875	7.625 P110	29.7	0	11675		2532		390	
6.750	5.500 P110	18.0	11127	22360		2150		0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	11300	11293						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WILDCAT; WOLFCAMP	12650	22150	12650 TO 22150	0.430	2816	
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/07/2018	06/08/2018	24	→	119.0	669.0	452.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
18/64	SI 4200	2400.0	→	119	669	452		POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #432906 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OP

...SUBMITTED **

Documents pending BLM approvals will subsequently be reviewed and scanned.

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
RSLR	1020	1020			
TOS	1404	1404			
BOS	4732	4731			
LMAR	4996	4995			
BLCN	5020	5020			
BLCN	5036	5036			
CYCN	6037	6037			
BYCN	7654	7653			

32. Additional remarks (include plugging procedure):

BSGL 9134 9133
 FBSG 10097 10096
 SBSG 10708 10707
 TBSG 11767 11766
 WFMP 12311 12239

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #432906 Verified by the BLM Well Information System.
 For COG OPERATING LLC, sent to the Hobbs**

Name (please print) AMANDA AVERYTitle AUTHORIZED REPRESENTATIVE

Signature _____ (Electronic Submission)

Date 08/27/2018

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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